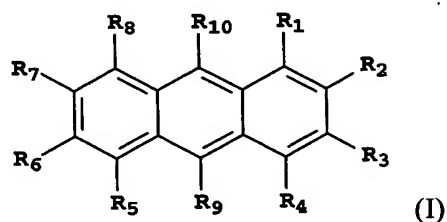


What is claimed is:

1. An OLED device comprising an anode and a cathode and located there-between a light emitting layer containing a light emitting dopant and a host comprising a monoanthracene derivative of formula (I):



wherein

R₁-R₈ are H;

R₉ is not the same as R₁₀;

R₉ is a naphthyl group having no fused rings with aliphatic carbon ring members; and

R₁₀ is a biphenyl group having no fused rings with aliphatic carbon ring members;

provided that R₉ and R₁₀ are free of amines and sulfur compounds.

2. The device of claim 1 wherein R₉ is a naphthyl group of two fused rings.

3. The device of claim 2 wherein R₉ is an unsubstituted naphthyl group.

4. The device of claim 1 wherein the naphthyl group contains a further fused ring.

5. The device of claim 1 wherein the naphthyl group contains two or more further fused rings.

6. The device of claim 1 wherein the naphthyl group is substituted with at least one substituent selected from fluorine, hydroxy, cyano, and alkyl, alkoxy, aryloxy, aryl, carboxy, trimethylsilyl and heterocyclic oxy groups.
7. The device of claim 1 wherein R₉ is a 2-naphthyl group.
8. The device of claim 1 wherein R₁₀ is an unsubstituted biphenyl group.
9. The device of claim 1 wherein at least one of the phenyl rings has a ring fused thereto.
10. The device of claim 1 wherein the biphenyl contains two phenyl ring groups without fused rings.
11. The device of claim 10 wherein the biphenyl is a 2-biphenyl.
12. The device of claim 10 wherein the biphenyl is a 3-biphenyl.
13. The device of claim 10 wherein the biphenyl is a 4-biphenyl.
14. The device of claim 10 wherein the rings are unsubstituted.
15. The device of claim 1 wherein the biphenyl is substituted with at least one substituent selected from fluorine, hydroxy, cyano, and alkyl, alkoxy, aryloxy, aryl, carboxy, trimethylsilyl and heterocyclic oxy groups
16. The device of claim 1 wherein there is also present in the light emitting layer a light emitting compound.

17. The device of claim 16 wherein the light emitting compound emits blue light.
18. The device of claim 16 wherein the light emitting compound emits green light.
19. The device of claim 1 including in one or more light emitting layers compounds sufficient to emit white light.
20. The device of claim 1 including a co-host.
21. The device of claim 20 including a polymeric co-host.
22. The device of claim 20 including an oxinoid compound.
23. The device of claim 22 wherein the oxinoid is Alq.
24. A display incorporating the device of claim 1.
25. An area lighting system incorporating the device of claim 1.